

**We Claim:**

1           1.     A metering tip capable of aspirating and dispensing a quantity  
2 of fluid, said metering tip comprising:

3                 a tapered plastic body including an interior and a tip opening;  
4                 said interior including a plurality of adjacent stepped areas, each of  
5 said stepped areas including a sharp diametrical edge for latching a fluid  
6 meniscus and minimizes oscillation of a dispensed fluid.

1           2.     A metering tip as recited in Claim 1, wherein said tip includes  
2 an axial portion having a substantially constant diameter.

1           3.     A metering tip as recited in Claim 2, wherein said axial portion  
2 having the substantially constant diameter includes a read window.

1           4.     A metering tip as recited in Claim 3, including at least one  
2 stepped area disposed above said read window.

1           5.     A metering tip as recited in Claim 3, wherein said plurality of  
2 stepped areas are axially disposed between said tip opening and said read  
3 window.